

7969-186

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL, SAFETY  
AND POLLUTION PREVENTION

David Haughey  
BASF Corporation  
PO Box 13528  
26 Davis Dr  
Research Triangle Park, NC 27709

FEB 1 2013

Subject: Headline Fungicide – Supplemental Label for infurrow use on corn, cotton,  
soybean and sugar beet  
EPA Reg. No. 7969-186  
EPA Decision Number: 473658  
Submission Date: 12/19/12

Dear Mr Haughey,

The supplemental labeling referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to add a supplemental label with previously approved use directions for infurrow applications to corn, cotton, soybean and sugar beet, is acceptable provided you make the following change:

1. Update the date "December 31, 2015" listed in the expiration statement to be three years from the date of this letter.

A copy of the Supplemental label "For infurrow use to aid in the control of Rhizoctonia solani seedling disease in corn, cotton, soybean, and sugar beet" stamped "Accepted with Comments" is enclosed for your records. Please submit one (1) final printed copy for the above mentioned supplemental label before releasing the product for shipment. If you have any questions, please contact Dominic Schuler at (703) 347-0260 or via email at [schuler.dominic@epa.gov](mailto:schuler.dominic@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Tony Kish".

(for)

Tony Kish  
Product Manager 22  
Fungicide Branch  
Registration Division (7504P)

Supplemental Label



For infurrow use to aid in the control of Rhizoctonia solani seedling disease in corn, cotton, soybean, and sugar beet

This supplemental label expires December 31, 2015 and must not be used or distributed after this date.

Active Ingredient\*:

pyraclostrobin: (carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl]methoxy-, methyl ester) ..... 23.6%

Other Ingredients\*\*: ..... 76.4%

Total: ..... 100.0%

\* Equivalent to 2.09 pounds of pyraclostrobin per gallon.
\*\* Contains petroleum distillates.

EPA Reg. No. 7969-186

Directions For Use

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
The supplemental labeling and the entire Headline fungicide container label, EPA Reg. No. 7969-186, must be in possession of the user at the time of application.
Read the label affixed to the container for Headline before applying.
Use of Headline according to this labeling is subject to the use precautions and limitations imposed by the label affixed to the container for Headline.

Application Instructions

The maximum product rate per season shown on the Headline container label for corn, cotton, soybean, and sugar beet includes the combination of infurrow and foliar uses.
Refer to the Headline container label for additional application instructions and restrictions.

ACCEPTED with COMMENTS In EPA Letter Dated

FEB 1 2013

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

7969-186

E-SUBMISSION BASF The Chemical Company

### Headline® fungicide Crop-specific Requirements

Instructions for Infurrow Use to Aid in the Control of *Rhizoctonia solani* seedling disease in Corn, Cotton, Soybean, and Sugar beet

| Rate per 1000 row feet<br>(fl oz product) | Headline Rate<br>(fl ozs/A) |                           |                           |                           |                           |                           |              |              |              |
|---|-----------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------|--------------|--------------|
|   | 15-inch rows                | 20-inch rows              | 22-inch rows              | 30-inch rows              | 32-inch rows              | 34-inch rows              | 36-inch rows | 38-inch rows | 40-inch rows |
| 0.1                                       | 3.5                         | /                         | /                         | /                         | /                         | /                         | /            | /            | /            |
| 0.2                                       | 7.0                         | 5.2                       | 4.7                       | 3.5                       | 3.3                       | 3.2                       | 3.0          | /            | /            |
| 0.3                                       | 10.5                        | 7.8                       | 7.1                       | 5.2                       | 5.0                       | 4.8                       | 4.5          | 4.3          | 4.0          |
| 0.4                                       | see footnote <sup>1</sup>   | 10.4                      | 9.5                       | 6.9                       | 6.7                       | 6.4                       | 6.0          | 5.7          | 5.4          |
| 0.5                                       | see footnote <sup>1</sup>   | see footnote <sup>1</sup> | 11.8                      | 8.7                       | 8.4                       | 8.0                       | 7.5          | 7.1          | 6.7          |
| 0.6                                       | see footnote <sup>1</sup>   | see footnote <sup>1</sup> | see footnote <sup>1</sup> | 10.4                      | 10.0                      | 9.6                       | 9.0          | 8.5          | 8.1          |
| 0.7                                       | see footnote <sup>1</sup>   | see footnote <sup>1</sup> | see footnote <sup>1</sup> | see footnote <sup>1</sup> | 11.7                      | 11.2                      | 10.5         | 10.0         | 9.4          |
| 0.8                                       | see footnote <sup>1</sup>   | see footnote <sup>1</sup> | see footnote <sup>1</sup> | see footnote <sup>1</sup> | see footnote <sup>1</sup> | see footnote <sup>1</sup> | 12.0         | 11.4         | 10.8         |

**Application Directions.** Use 0.1 to 0.8 fl oz of **Headline** per 1000 feet of row. Refer to this chart to determine the rate per acre. Apply at planting as an infurrow application by directing the spray into the furrow before seed is covered. Use a minimum volume of application of 2.5 gallons of water per acre.

When *Rhizoctonia solani* seedling disease pressure conditions are expected to be severe or if the field has a history of seedling diseases, use **Headline** at a product rate per acre equivalent to 9 to 12 fl ozs and/or tank mix with a fungicide having a different mode of action.

**DO NOT** apply more than 12 fl ozs per acre of **Headline**.

<sup>1</sup> For 32- to 34-inch rows, use a maximum of 0.7 fl oz per 1000 row feet.  
 For 30-inch rows, use a maximum of 0.6 fl oz per 1000 row feet.  
 For 22-inch rows, use a maximum of 0.5 fl oz per 1000 row feet.  
 For 20-inch rows, use a maximum of 0.4 fl oz per 1000 row feet.  
 For 15-inch rows, use a maximum of 0.3 fl oz per 1000 row feet.

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### Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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*Headline is a registered trademark of BASF.*

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The Chemical Company